

Message Text

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ACTION EB-08

INFO OCT-01 EUR-12 ISO-00 CCO-00 CIAE-00 OTPE-00
FCC-02 INR-10 NSAE-00 OC-06 ICA-20 COME-00 BIB-01
/060 W

-----032200 200139Z /61

R 181156Z MAY 78
FM AMEMBASSY BONN
TO SECSTATE WASHDC 8629
INFO USCINCEUR VAIHINGEN GE
CDR 5TH SIG COMD WORMS
AFN FRANKFURT
AMCONSUL MUNICH

UNCLAS BONN 09081

STATE FOR HUFFCUTT: EB/TT/TD
AFN FOR MORTENSON

E.O. 11652:N/A

TAGS: ETEL, ITU, GW, US

SUBJECT: LF/MF BROADCASTING AGREEMENT (REGIONS 1 AND
3), GENEVA 1975; AFN AND RFE MODIFICATIONS

1. FRG POSTAL MINISTRY HAS SENT THE EMBASSY THE FOLLOWING LETTER:
 2. WITH THE RETURNED FREQUENCY DOCUMENTS WHICH PROVIDED FOR THE FREQUENCY NOTIFICATION AT THE IFRB PRIOR TO THE EFFECTIVE DATE OF THE LF/MF BROADCASTING PLAN GENEVA 1975, ATTENTION WAS DRAWN TO SOME DISCREPANCIES BETWEEN THE ACTUAL VALUES OF THE ANTENNA DIAGRAMS AND THE PLAN DATA OF THE MF TRANSMITTERS AFN FRANKFURT/MAIN (873 KHZ) AND RFE HOLZKIRCHEN (720 KHZ).
 3. IN VIEW OF THE NECESSARY NOTIFICATION OF FREQUENCY ASSIGNMENTS AT THE IFRB, I HAVE ASKED
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THE BUNDESPOST'S TECHNICAL TELECOMMUNICATIONS CENTER (FERNMELDETECHNISCHES ZENTRALAMT) IN DARMSTADT TO CHECK THE EFFECTS OF THE MODIFICATION OF THE RELEVANT CHARACTERISTICS OF THESE TWO MF TRANSMITTERS ON THE SAME CHANNEL AND ON NEIGHBORING CHANNELS. IN THIS CONTEXT, I WOULD LIKE TO INFORM YOU OF THE FOLLOWING:

4. MF TRANSMITTER AFN FRANKFURT/MAIN (873 KHZ).

IF IT IS INTENDED TO OPERATE THIS TRANSMITTER DURING DAYTIME WITH AN OMNIDIRECTIONAL BEAM - CONTRARY TO THE SCHEDULED DATA OF THE LF/MF BROADCASTING PLAN GENEVA 1975 - THE SERVICEABLE FIELD INTENSITY OF THE ONLY 138 KM DISTANT NEIGHBOR-CHANNEL TRANSMITTER IN THE GDR WACHENBRUNN (882 KHZ) WOULD INCREASE FAR OVER THE PERMISSIBLE VALUE OF 0.5 DB. AT THE INTENDED DAYTIME OPERATION 0600 - 1800 GMT (OMNIDIRECTIONAL BEAM) DURING THE YEAR, INCOMPATIBILITIES ARE ALSO EXPECTED IN THE SUPPLY AREA OF OTHER FOREIGN SAME-CHANNEL TRANSMITTERS DURING THE TIME OF LATE SUNRISE AND EARLY SUNDOWN BECAUSE OF SPACE WAVE EFFECTS. OBJECTIONS FROM INTERESTED GOVERNMENTS MUST BE CONSIDERED. THESE DIFFICULTIES COULD BE AVOIDED IF THE SWITCH-OVER TIMES FROM DAY TO NIGHT OPERATION AND VICE VERSA WOULD BE OBSERVED ACCORDING TO FIG. 20 OF ENCL. 2 (TECHNICAL DATA) OF THE LF/MF BROADCASTING AGREEMENT GENEVA 1975.

DUE TO THESE FACTS, THE PLANNED MODIFICATION OF THE RADIATION CHARACTERISTICS DURING DAYTIME SHOULD BE AT LEAST COORDINATED WITH THE ADMINISTRATION OF THE GERMAN DEMOCRATIC REPUBLIC (GDR).

5. I WOULD LIKE TO REQUEST THAT YOU NOTIFY THE
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COMPETENT AFN AUTHORITIES CONCERNING THIS PROBLEM AND WOULD APPRECIATE YOUR EARLIEST REPLY.

6. MF TRANSMITTER RFE HOLZKIRCHEN (720 KHZ).

THE MINOR MODIFICATION OF THE ANTENNA DIAGRAM HAS NO EFFECT ON SAME-CHANNEL AND NEIGHBORING-CHANNEL TRANSMITTERS. THE INCREASE IN THE SERVICEABLE FIELD INTENSITY OF THE RELEVANT TRANSMITTERS LIES WITHIN THE LIMITS. THE DATES FOR MODIFYING THE HOLZKIRCHEN TRANSMITTER WILL BE TAKEN INTO ACCOUNT DURING THE NOTIFICATION PERIOD AT THE IFRB.

7. ACTION REQUESTED: PLEASE NOTIFY EMBASSY OF ACTION TAKEN REF PARA 4, AND IF NECESSARY, PARA. 6, SO THAT WE MAY RESPOND TO THE FRG.

STOESSEL

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